

What is claimed is:

1. A bioabsorbable vasoocclusive coil to be transported as placed in a catheter to a desired site in a blood vessel and thereafter pushed out of the catheter to the intravascular site, the vasoocclusive coil being formed from a flexible hollow monofilament of a bioabsorbable polymer.

2. A bioabsorbable vasoocclusive coil according to claim 1 which holds shape memory and restores the shape thereof after being pushed out of the catheter.

3. A bioabsorbable vasoocclusive coil according to claim 1 wherein the monofilament is 0.015 mm to 0.4 mm in outside diameter.

4. A bioabsorbable vasoocclusive coil according to claim 1 wherein the monofilament is 0.01 mm to 0.3 mm in inside diameter.

5. A bioabsorbable vasoocclusive coil according to claim 1 wherein the bioabsorbable polymer is an aliphatic polyester bioabsorbable polymer.

6. A bioabsorbable vasoocclusive coil according to claim 1 wherein the bioabsorbable polymer is a poly(lactic acid).

7. A bioabsorbable vasoocclusive coil according to claim 1 which is formed by winding the hollow monofilament of the bioabsorbable polymer helically around a mandrel.

8. A bioabsorbable vasoocclusive coil according to claim 7 wherein the mandrel has a bent portion at at least one end thereof.

9. A bioabsorbable vasoocclusive coil according to claim 7 wherein the mandrel is in the form of a straight rod

or has a helical or random form.

10. A bioabsorbable vasoocclusive coil according to claim 1 which comprises a secondary coil formed by winding the hollow monofilament of the bioabsorbable polymer into a helical form of small diameter and further winding the primary
5 coil into a helical form of large diameter.